

Pyro-guarana acid	2.750
Starch	9.350
Glucose	0.777
Pectic acid, malic acid, dextrin, etc.	7.470
Vegetable fiber	49.125
Water	7.650

Owing to the fact that guarana is so rich in caffeine, a small dose enables a man to endure an extraordinary amount of hardship, and taken sparingly it is said to be excellent for intestinal trouble.

The Mauhe district of Para, Brazil, produces about 25 tons of guarana paste annually, and cultivation of the plant has recently been undertaken in the states of Goyaz and Rio de Janeiro.

A number of new and successful pharmaceutical compounds contain this product. (Adapted from Bulletin of the Pan American Union, vol. 51, p. 268.)

**PRUNUS TOMENTOSA** (Amygdalaceae), 55781. Bush cherry. From China. Seeds collected by J. F. Rock, Agricultural Explorer of the Bureau of Plant Industry. "(Likiang, Yunnan. July 18, 1922.) A shrubby cherry which grows on the Yunnan-Szechwan border about 5 days' journey north of Likiang in the scrub forests near Fengkow, not far from the Yangtze River, at an altitude of 11,000 feet. The plant is 8 to 10 feet high, with a gray pubescence, branching from the base and forming a large, round bush. It is a most prolific bearer, and in the latter part of July is loaded with the oval orange-yellow cherries of a sweetish sour flavor." (Rock.)

**PRUNUS** spp. (Amygdalaceae), 55757-55761, 55782-55784. From China. Seeds collected by J. F. Rock, Agricultural Explorer of the Bureau of Plant Industry. Quoted notes by Mr. Rock.

55757. Cherry. "(Likiang, Yunnan. July 6, 1922.) A smaller tree than the following, No. 4858 (S. P. I. No. 55758); the fruits also are smaller, globose, and dark red. It grows in the Likiang snow range at an altitude of 12,000 feet. The tree is apparently free from any disease."

55758. Cherry. "(No. 4858. Likiang, Yunnan. July 6, 1922.) A fine looking cherry tree 35 to 40 feet in height, which grows at an altitude of 12,000 feet among limestone boulders on the edge of alpine meadows on the Likiang snow range. The foliage is dark green, and the orange-red, oval, pointed, sour fruits are much sought after by birds and hence difficult to collect."

55759. Plum. "(Szemao, Yunnan. July, 1922.) A plum tree of fine shape, 40 to 50 feet in height, growing in the mountains at an altitude of 5,000 feet or more. The small yellow fruits, about the size of an